

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	6	"950096".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/07 09:03
S1	12	belfort.in. and microfiltration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 14:36
S2	0	millapore.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 14:36
S3	1521	millipore.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 14:36
S4	5	millipore.as. and hollow and fiber and helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 15:05
S5	7943	fiber and membrane and hollow and purification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 15:06
S6	706	fiber and membrane and hollow and purification and helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 15:06
S7	852	fiber and membrane and hollow and filtrat\$ and helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 15:07
S8	26	fiber and membrane and hollow and filtrat\$ and helical and (transmembrane adj pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 16:12

## EAST Search History

S9	9	fiber and membrane and hollow and filtrat\$ and helical and (dean adj vortices)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 15:07
S10	3	microporous same walled same membrane same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 16:16
S11	35	dean adj vorti\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 16:25
S12	3964	microfiltration and ultrafiltration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 16:25
S13	84	microfiltration and ultrafiltration and fiber and helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 16:26
S14	17	microfiltration and ultrafiltration and fiber and helical and permeate and retentate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/01 16:26
S15	2	"20030166866"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:03
S16	0	S15 and pH and (transmembrane near2 pressure) and (flow adj rate) and flux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:04
S17	152	microfiltration and ultrafiltration and pH and (transmembrane near2 pressure) and (flow adj rate) and flux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:05
S18	78	microfiltration and ultrafiltration and pH and (transmembrane near2 pressure) and (flow adj rate) and flux and NaCl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:05

## EAST Search History

S19	7	microfiltration and ultrafiltration and pH and (transmembrane near2 pressure) and (flow adj rate) and (permeation near2 flux) and NaCl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:10
S20	11	microfiltration and ultrafiltration and pH and (transmembrane near2 pressure) and (flow adj rate) and (permeation near2 flux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:13
S21	2	microfiltration and ultrafiltration and pH and (transmembrane near2 pressure) and (axial adj flow adj rate) and (permeation near2 flux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:13
S22	2	microfiltration and ultrafiltration and pH and (transmembrane near2 pressure) and (axial adj flow adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:13
S23	5	microfiltration and ultrafiltration and (axial adj flow adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:29
S24	127	(axial adj flow adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 15:29
S25	32	(axial adj flow adj rate) and \$filtration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 16:28
S26	42	microfiltration and (permeation adj flux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 16:48
S27	163	microfiltration and transgenic and milk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 16:48
S28	106	microfiltration and transgenic and milk and animal and plant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 16:49

## EAST Search History

S29	71	microfiltration and transgenic and milk and animal and plant and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:04
S30	64	microfiltration and (transgenic near2 plant) and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:04
S31	52	microfiltration and (transgenic near2 plant) and (cell adj culture) and (alfalfa or canola or rice or wheat or barley or rye or cotton or sunflower or peanut or corn or potato or bean or pea or lettuce or broccoli or spinach or onion or garlic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:05
S32	52	microfiltration and (transgenic near2 plant) and (cell adj culture) and (alfalfa or canola or rice or wheat or barley or rye or cotton or sunflower or peanut or corn or potato or bean or pea or lettuce or broccoli or spinach or onion or garlic or tomato or tobacco or soybean or apple or banana)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:14
S33	975	microfiltration and permeate and retentate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:15
S34	4	microfiltration and permeate and retentate and (isoelectric adj pH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:26
S35	36	ultrafiltration and permeate and retentate and (isoelectric adj pH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:30
S36	17	ultrafiltration and permeate and retentate and (((isoelectric adj pH) or pI) near5 above)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:38
S37	0	ultrafiltration and permeate and retentate and (((isoelectric adj pH) or pI) near5 above) and (ph near2 S24)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:38

## EAST Search History

S38	2	ultrafiltration and permeate and retentate and (((isoelectric adj pH) or pI) near5 above) and (ph near2 "10.5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:39
S39	8	ultrafiltration and (((isoelectric adj pH) or pI) near5 above) and (ph near2 "10.5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:41
S40	0	ultrafiltration and (((isoelectric adj pH) or pI) near5 above) same (ph near2 "10.5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:42
S41	7	(((isoelectric adj pH) or pI) near5 above) same (ph near2 "10.5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:42
S42	0	(ultrafiltration same (((isoelectric adj pH) or pI) near5 above)) and (ph near2 "10.5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:44
S43	85	ultrafiltration same (ph near2 "10.5")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/04 17:44
S44	0	u6139901.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 09:04
S45	2	"6139901".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 09:10
S46	5943	isoelectric same pH same protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 09:10
S47	229	isoelectric same pH same protein same (ultrafiltration or microfiltration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 09:59

## EAST Search History

S48	2	(isoelectric same pH same (ultrafiltration or microfiltration)) and (permeation adj flux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 10:01
S49	156	(isoelectric same pH same (ultrafiltration or microfiltration)) and (antibody)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 10:02
S50	150	(isoelectric same pH same (ultrafiltration or microfiltration)) and antibody and (glycoprotein or immunoglobulin or hormone or enzyme or (serum near2 protein) or (milk near protein) or (cellular near protein) or (soluble near receptor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 10:03
S51	85	(isoelectric same pH same (ultrafiltration or microfiltration)) and antibody and ((alpha adj proteinase adj inhibitor) or (alkaline adj phosphatase) or angiogenin or (antithrombin adj III) or chitinase or (extracellular adj superoxide adj dismutase) or (factor adj VIII) or (factor adj IX) or (factor adj X) or fibrinogen or glyocerbrosidase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 13:33
S52	3	(isoelectric same pH same microfiltration) and antibody and ((alpha adj proteinase adj inhibitor) or (alkaline adj phosphatase) or angiogenin or (antithrombin adj III) or chitinase or (extracellular adj superoxide adj dismutase) or (factor adj VIII) or (factor adj IX) or (factor adj X) or fibrinogen or glyocerbrosidase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 13:34
S53	13	isoelectric same pH same microfiltration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/02/06 13:34